

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/051173

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/033 G06K11/00 G02F1/133 G09F9/00 G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G06K G02F G09F G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 907 375 A (NISHIKAWA ET AL) 25 May 1999 (1999-05-25) column 4, line 19 - line 42 column 8, line 55 - column 14, line 34; figures 3,6	1-15
X	US 6 035 180 A (KUBES ET AL) 7 March 2000 (2000-03-07) column 4, line 64 - column 7, line 44; figures 4,5	1-15
A	US 6 501 529 B1 (KURIHARA MIKIO ET AL) 31 December 2002 (2002-12-31) column 2, line 48 - column 3, line 30; figures 3-5	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

13 May 2005

Date of mailing of the international search report

23/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>WO 03/107169 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.; U.S. PHILIPS CORPORATION) 24 December 2003 (2003-12-24) paragraph '0031!; figures 3-6 -----</p>	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/IB2004/051173

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